



## PATENT ABSTRACTS OF JAPAN

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(54) **ELECTROPHOTOGRAPHIC SENSITIVE BODY**

## (57) Abstract:

**PURPOSE:** To form the photosensitive drum with which the degradation in the potential of a photosensitive layer, etc., hardly arise at the time of a durability test by allowing a nitrogenous heterocyclic compd. to exist as a stabilizing layer at the boundary or intermediate of the photosensitive layer and a conductive base body.

**CONSTITUTION:** The nitrogenous heterocyclic compd. and arom.carboxylic acid are introduced as the stabilizing layer at the boundary or intermediate of the photosensitive layer and the conductive base body as a method for inactivating the corona product infiltrating

at the boundary between the photosensitive layer and the conductive base body. Namely, the soln. prepd. by dissolving the nitrogenous heterocyclic compd. and the arom. carboxylic acid into, for example, a suitable org. solvent is applied on the conductive substrate and the film thereof is formed in order to interpose the nitrogenous heterocyclic compd. and the arom. carboxylic acid between this substrate and the photosensitive layer. The amt. of the nitrogenous heterocyclic compd. and arom. carboxylic acid to be introduced in this case is, for example, 0.1 to 500mg/m<sup>2</sup> per unit area of the photosensitive body. The degradation in the potential of the photosensitive layer at the time of the durable test is obviated in this way.

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